## (19) World Intellectual Property Organization International Bureau



#### 

### (43) International Publication Date 28 December 2000 (28.12.2000)

**PCT** 

# (10) International Publication Number WO 00/78778 A2

(51) International Patent Classification<sup>7</sup>: A61K 31/7076, 49/00, A61P 9/00

C07H 19/16,

(21) International Application Number: PCT/US00/17095

(22) International Filing Date: 21 June 2000 (21.06.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

09/338,327

22 June 1999 (22.06.1999) US

- (71) Applicant (for all designated States except US): CV THERAPEUTICS, INC. [US/US]; 3172 Porter Drive, Palo Alto, CA 94304 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ZABLOCKI, Jeff, A. [—/US]; 580 Sleeper Avenue, Mountain View, CA 94040 (US). ELZEIN, Elfatih, O. [—/US]; 4644 Creekwood Drive, Freemont, CA 94555 (US). PALLE, Venkata, P. [—/US]; 600 Rainbow Drive, Mountain View, CA 94041 (US).

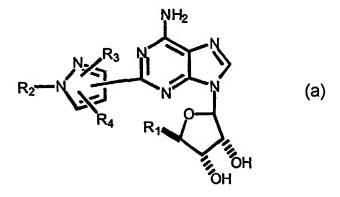
- (74) Agent: HUGHES, A., Blair; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

#### Published:

 Without international search report and to be republished' upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: C-PYRAZOLE A2A RECEPTOR AGONISTS



(57) Abstract: 2-adenosine C-pyrazole compounds having formula (a) and methods for using the compounds as A2A receptor agonists to stimulate mammalian coronary vasodilatation for therapeutic purposes and for purposes of imaging the heart.